Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
Data File : BG055239.D
Acq On : 21 Oct 2022 18:26
Operator : CG/JU
Sample : N5217-18MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 22 01:30:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-C1-COMPMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

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10/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.287	152	43583	20.000	ng		0.00
21) Naphthalene-d8	11.119	136	212155	20.000	ng		0.00
39) Acenaphthene-d10	14.897	164	152562	20.000	ng		0.00
64) Phenanthrene-d10	17.635	188	342800	20.000	ng		0.00
76) Chrysene-d12	21.912	240	219155	20.000	ng		0.00
86) Perylene-d12	25.320	264	227190	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	365855	151.028	ng		0.00
7) Phenol-d6	7.429	99	518419	140.445	ng		0.00
23) Nitrobenzene-d5	9.462	82	323719	73.665	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	218504	138.219	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	713761	74.730	ng		0.00
79) Terphenyl-d14	20.203	244	1050983	89.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.622	88	46257	39.266	ng		98
3) Pyridine	4.039	79	132172	35.630	ng		96
4) n-Nitrosodimethylamine	3.951	42	77368	44.570	ng		94
6) Aniline	7.600	93	220586	46.095	ng		98
8) 2-Chlorophenol	7.846	128	166552	56.866	ng		97
9) Benzaldehyde	7.412	77	87926	34.267	ng		97
10) Phenol	7.459	94	232037	55.642	ng		99
11) bis(2-Chloroethyl)ether	7.694	93	155471	48.421	ng		97
12) 1,3-Dichlorobenzene	8.175	146	158169	49.784	ng		97
13) 1,4-Dichlorobenzene	8.322	146	161152	49.655	ng		99
14) 1,2-Dichlorobenzene	8.645	146	156466	50.598	ng		97
15) Benzyl Alcohol	8.522	79	170695	53.844	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.804	45	269635	46.596	ng		99
17) 2-Methylphenol	8.722	107	159687	55.320	ng		99
18) Hexachloroethane	9.386	117	58632	49.912	ng		98
19) n-Nitroso-di-n-propyla...	9.092	70	153700	48.548	ng		95
20) 3+4-Methylphenols	9.051	107	224249	55.271	ng		99
22) Acetophenone	9.116	105	265622	46.286	ng	#	98
24) Nitrobenzene	9.503	77	207059	44.065	ng		97
25) Isophorone	10.026	82	428099	47.615	ng		99
26) 2-Nitrophenol	10.220	139	97592	52.796	ng		99
27) 2,4-Dimethylphenol	10.261	122	183950	62.491	ng		97
28) bis(2-Chloroethoxy)met...	10.502	93	238481	55.199	ng		100
29) 2,4-Dichlorophenol	10.755	162	171699	54.631	ng		100
30) 1,2,4-Trichlorobenzene	10.972	180	151307	47.021	ng		98
31) Naphthalene	11.166	128	530084	47.351	ng		98
32) Benzoic acid	10.426	122	111685	53.005	ng		95
33) 4-Chloroaniline	11.266	127	160449	34.806	ng		97
34) Hexachlorobutadiene	11.442	225	86095	44.308	ng		99
35) Caprolactam	12.047	113	73904m	53.508	ng		
36) 4-Chloro-3-methylphenol	12.371	107	218280	53.413	ng		100
37) 2-Methylnaphthalene	12.752	142	392195	46.059	ng		98
38) 1-Methylnaphthalene	12.970	142	375514	44.671	ng		100
40) 1,2,4,5-Tetrachloroben...	13.111	216	177748	49.567	ng		99
41) Hexachlorocyclopentadiene	13.087	237	198148	121.333	ng		95
43) 2,4,6-Trichlorophenol	13.340	196	138998	50.928	ng		99

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44) 2,4,5-Trichlorophenol	13.416	196	155459	51.918	ng		97
46) 1,1'-Biphenyl	13.740	154	533172	49.355	ng		99
47) 2-Chloronaphthalene	13.787	162	401073	48.224	ng		99
48) 2-Nitroaniline	13.980	65	164532	48.749	ng		98
49) Acenaphthylene	14.627	152	686265	48.234	ng		99
50) Dimethylphthalate	14.345	163	567710	47.308	ng		100
51) 2,6-Dinitrotoluene	14.468	165	123840	51.431	ng		90
52) Acenaphthene	14.962	154	491629m	54.272	ng		
53) 3-Nitroaniline	14.797	138	107817	35.947	ng		97
54) 2,4-Dinitrophenol	15.003	184	145328	119.721	ng		98
55) Dibenzofuran	15.297	168	643796	49.340	ng		99
56) 4-Nitrophenol	15.097	139	229337	108.744	ng		97
57) 2,4-Dinitrotoluene	15.249	165	176649	52.467	ng		98
58) Fluorene	15.937	166	534385	48.631	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.514	232	129018	49.478	ng		98
60) Diethylphthalate	15.690	149	614611	48.957	ng		98
61) 4-Chlorophenyl-phenyle...	15.919	204	261376	51.248	ng		100
62) 4-Nitroaniline	15.955	138	144855	47.611	ng		100
63) Azobenzene	16.213	77	613082	48.318	ng		98
65) 4,6-Dinitro-2-methylph...	16.013	198	98058	53.551	ng		91
66) n-Nitrosodiphenylamine	16.137	169	485164	50.711	ng		100
67) 4-Bromophenyl-phenylether	16.812	248	171007	51.181	ng		97
68) Hexachlorobenzene	16.942	284	186628	51.036	ng		99
69) Atrazine	17.071	200	184807	58.608	ng		99
70) Pentachlorophenol	17.282	266	210154	106.486	ng		97
71) Phenanthrene	17.676	178	855956	46.793	ng		99
72) Anthracene	17.764	178	871721	48.767	ng		99
73) Carbazole	18.029	167	816863	49.624	ng		99
74) Di-n-butylphthalate	18.563	149	1065278	49.616	ng		99
75) Fluoranthene	19.662	202	939573	46.370	ng		99
77) Benzidine	19.832	184	478614	85.881	ng		99
78) Pyrene	20.020	202	926339	56.096	ng		99
80) Butylbenzylphthalate	20.884	149	345647	44.781	ng		97
81) Benzo(a)anthracene	21.895	228	680571	47.876	ng		100
82) 3,3'-Dichlorobenzidine	21.795	252	168215	34.463	ng		98
83) Chrysene	21.965	228	629153	47.525	ng		99
84) Bis(2-ethylhexyl)phtha...	21.765	149	498280	49.338	ng		100
85) Di-n-octyl phthalate	23.035	149	853429	56.679	ng		96
87) Indeno(1,2,3-cd)pyrene	29.251	276	794753	50.296	ng	#	93
88) Benzo(b)fluoranthene	24.233	252	697727	51.717	ng	#	96
89) Benzo(k)fluoranthene	24.309	252	684731	50.114	ng	#	97
90) Benzo(a)pyrene	25.161	252	622217	53.733	ng	#	95
91) Dibenzo(a,h)anthracene	29.315	278	683314	52.784	ng	#	93
92) Benzo(g,h,i)perylene	30.485	276	676886	53.975	ng	#	89

10/24/2022
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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